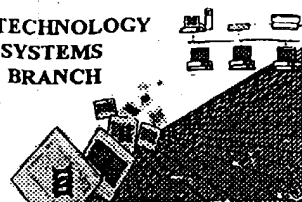


ATTACHMENT

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/065,330

Source:

DFL

Date Processed by STIC:

4/28/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENT IN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER:

09/065,330C

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 ☒ **Wrapped Nucleics
Wrapped Aminos** The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 ☐ **Invalid Line Length** The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 ☐ **Misaligned Amino
Numbering** The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 ☐ **Non-ASCII** The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 ☐ **Variable Length** Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 ☐ **PatentIn 2.0
"bug"** A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 ☐ **Skipped Sequences
(OLD RULES)** Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 ☐ **Skipped Sequences
(NEW RULES)** Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
<210> sequence id number
<400> sequence id number
000
- 9 ☐ **Use of n's or Xaa's
(NEW RULES)** Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 ☐ **Invalid <213>
Response** Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 ☐ **Use of <220>** Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 ☐ **PatentIn 2.0
"bug"** Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 ☐ **Misuse of n/Xaa** "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/065,330C

DATE: 01/28/2004
TIME: 07:24:36

Input Set : A:\PTO.YF.txt
Output Set: N:\CRF4\01282004\I065330C.raw

2 <110> APPLICANT: Walker, Ameae M.
4 <120> TITLE OF INVENTION: PROLACTIN ANTAGONISTS AND USES THEREOF
6 <130> FILE REFERENCE: 39754-0611-1CP1CP
8 <140> CURRENT APPLICATION NUMBER: 09/065,330C
9 <141> CURRENT FILING DATE: 1998-04-23
11 <150> PRIOR APPLICATION NUMBER: PCT/US97/01435
12 <151> PRIOR FILING DATE: 1997-01-30
14 <150> PRIOR APPLICATION NUMBER: 08/594,809
15 <151> PRIOR FILING DATE: 1996-01-31
17 <160> NUMBER OF SEQ ID NOS: 6
19 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply
Corrected Diskette Needed

(PS. 1-4)

ERRORRED SEQUENCES

47 <210> SEQ ID NO: 2
48 <211> LENGTH: 228
49 <212> TYPE: PRT
50 <213> ORGANISM: Homo sapiens
52 <220> FEATURE:
53 <221> NAME/KEY: VARIANT
54 <222> LOCATION: (208)
55 <223> OTHER INFORMATION: Site mutated amino acid residue where the normal codon coding
for serine
56 is modified preferably
57 to encode for aspartate or glutamate, most preferably aspartate.
E--> 59 <400> SEQUENCE: - Please insert a response
60 Asn Met Asn Ile Lys Gly Ser Pro Trp Lys Gly Ser Leu
E--> 61 Leu Leu Leu
E--> 62 1 5 10
E--> 63 15
66 Leu Val Ser Asn Leu Leu Leu Cys Gln Ser Val Ala Pro
E--> 67 Leu Pro Ile
E--> 68 20 25 30
72 Cys Pro Gly Gly Ala Ala Arg Cys Gln Val Thr Leu Arg
E--> 73 Asp Leu Phe
E--> 74 35 40 45
78 Asp Arg Ala Val Val Leu Ser His Tyr Ile His Asn Leu
E--> 79 Ser Ser Glu
E--> 80 50 55 60
84 Met Phe Ser Glu Phe Asp Lys Arg Tyr Thr His Gly Arg
E--> 85 Gly Phe Ile
E--> 86 65 70 75
E--> 87 80

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/065,330C

DATE: 01/28/2004

TIME: 07:24:36

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\01282004\I065330C.raw

90 Thr Lys Ala Ile Asn Ser Cys His Thr Ser Ser Leu Ala
E--> 91 Thr Pro Glu
E--> 92 85 90
E--> 93 95
96 Asp Lys Glu Gln Ala Gln Gln Met Asn Gln Lys Asp Phe
E--> 97 Leu Ser Leu
E--> 98 100 105
E--> 99 110
102 Ile Val Ser Ile Leu Arg Ser Trp Asn Glu Pro Leu Tyr
E--> 103 His Leu Val
E--> 104 115 120 125
108 Thr Glu Val Arg Gly Met Gln Glu Ala Pro Glu Ala Ile
E--> 109 Leu Ser Lys
E--> 110 130 135 140
114 Ala Val Glu Ile Glu Glu Gln Thr Lys Arg Leu Leu Glu
E--> 115 Gly Met Glu
E--> 116 145 150 155
E--> 117 160
120 Leu Ile Val Ser Gln Val His Pro Glu Thr Lys Glu Asn
E--> 121 Glu Ile Tyr
E--> 122 165 170
E--> 123 175
126 Pro Val Trp Ser Gly Leu Pro Ser Leu Gln Met Ala Asp
E--> 127 Glu Glu Ser
E--> 128 180 185
E--> 129 190
132 Arg Leu Ser Ala Tyr Tyr Asn Leu Leu His Cys Leu Arg
E--> 133 Arg Asp Xaa
E--> 134 195 200 205
138 His Lys Ile Asp Asn Tyr Leu Lys Leu Leu Lys Cys Arg
E--> 139 Ile Ile His
E--> 140 210 215 220
144 Asn Asn Asn Cys
E--> 146 225

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/065,330C

DATE: 01/28/2004
TIME: 07:24:37

Input Set : A:\PTO.YF.txt
Output Set: N:\CRF4\01282004\I065330C.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 29

VERIFICATION SUMMARY

DATE: 01/28/2004

PATENT APPLICATION: US/09/065,330C

TIME: 07:24:37

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\01282004\I065330C.raw

L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:600
L:59 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:2 differs:1
L:61 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:0 ✓
M:332 Repeated in SeqNo=2
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:0 after pos.:205
L:174 M:283 W: Missing Blank Line separator, <400> field identifier
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0